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## In the United States Patent and Trademark Office

Applicant:	Jeffrey D. Lindsay et al.	Docket No.:	18587
Serial No.:	10/747,923	Group No.:	3761
Confirmation No.:	7066	Examiner:	Unknown
Filed:	December 29, 2003	Date:	June 9, 2004
For:	GECKO-LIKE FASTENERS FOR DISPOSABLE ARTICLES		

### Information Disclosure Statement Pursuant to 37 C.F.R. § 1.97(b) Before First Office Action or Within Three Months of Filing Date

COMMISSIONER FOR PATENTS  
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ALEXANDRIA, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.56 and in accordance with 37 C.F.R. 1.97 et seq., Applicants, through and by their attorneys, hereby wish to direct the Examiner's attention to the documents listed on the attached modified PTO 1449 Form. A copy of each non-U.S. patent document and a copy of each non-patent document listed on the form is also presented herewith for the Examiner's review and convenience. Cited U.S. patents and U.S. patent application publications are not included in accordance with the U.S. Patent Office waiver of the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003.

By inclusion of any given document in this Information Disclosure Statement, Applicants in no way admit that such document is effective as prior art against the above-identified application under either 35 U.S.C. 102 or 35 U.S.C. 103.

Additionally, submission of any document is not to be taken as an admission of the materiality of the document to the prosecution of the present application.

The Examiner is requested to review each cited document and personally determine its prior art status.

Applicants recommend that the Examiner conduct an independent search for any and all available material prior art and independently review the results of such search and the documents cited within this Statement.

Applicants request the Examiner, in accordance with 37 C.F.R. 1.97, to indicate and make of record receipt and review of all of these documents by initialing the appropriate box in the accompanying PTO-1449. Applicants request that the undersigned receive a copy of the initialed PTO-1449.

If the Examiner refuses to consider any or all of the herein submitted materials because it is the Examiner's opinion that this Information Disclosure Statement is not in compliance with 37 C.F.R. 1.97, Applicants respectfully request that the Examiner notify the undersigned, in writing, as to the basis of such opinion.

Please charge any prosecutorial fees which are due to Kimberly-Clark Worldwide, Inc. deposit account number 11-0875.

The undersigned may be reached at: 920-721-4405.

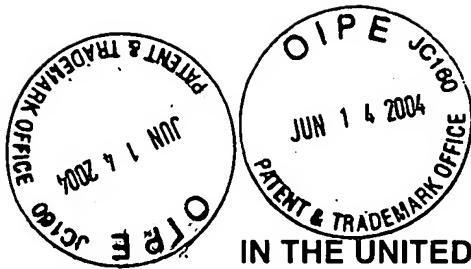
Respectfully submitted,

JEFFREY D. LINDSAY ET AL.

By: \_\_\_\_\_

  
Bryan R. Rosiejka

Registration No.: 55,583



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jeffrey D. Lindsay et al. Docket No.: 18587  
Serial No.: 10/747,923 Group No.: 3761  
Confirmation No.: 7066 Examiner: unknown  
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For: GECKO-LIKE FASTENERS FOR DISPOSABLE ARTICLES

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)**

I hereby certify that the attached correspondence comprising:

Information Disclosure Statement Pursuant to 37 C.F.R. § 1.97(b)  
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3 Page(s) of PTO Form 1449  
24 Document(s)

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## List of Patents and Publications for Information Disclosure Statement

Applicant(s): Jeffrey D. Lindsay et al.

Docket No.: 18587

Serial No.: 10/747,923

Group: 3761

Filed: December 29, 2003

Examiner: Unknown

U.S. PATENT DOCUMENTS							
Initial		Doc. No.	Date	Name	Clas	Subclas	Filing
	A1	2,787,241	04/1957	Kelley			
	A2	3,397,697	08/1968	Rickard			
	A3	4,285,343	08/1981	McNair			
	A4	4,556,146	12/1985	Swanson et al.			
	A5	4,589,876	05/1986	Van Tilburg			
	A6	4,608,047	08/1986	Mattingly			
	A7	4,687,478	08/1987	Van Tillburg			
	A8	4,753,649	06/1988	Pazdernik			
	A9	4,834,739	05/1989	Linker III et al.			
	A10	4,917,697	04/1990	Osborn III et al.			
	A11	5,011,480	04/1991	Gossens et al.			
	A12	5,399,219	03/1995	Roessler et al.			
	A13	5,681,303	10/1997	Mills et al.			
	A14	5,766,387	06/1998	Wolf et al.			
	A15	5,766,389	06/1998	Brandon et al.			
	A16	5,858,515	01/1999	Stokes et al.			
	A17	6,501,002	12/2002	Roe et al.			
	A18	6,561,354	05/2003	Fereshtehkhrou et al.			
	A19	6,562,167	05/2003	Coenen et al.			
	A20	2003/0124312	07/2003	Autumn			
	A21	2003/0208888	11/2003	Fearing et al.			
	A22						
	A23						
	A24						
	A25						
	A26						
	A27						
	A28						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

Date Considered:



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Foreign Patent Documents								
Initials	Doc. No.	Date	Country	Class	Subclass	Trans.		
						Yes	No	
	A1	EP 0 923 902 A2	06/1999	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	A2	WO 91/18574 A1	12/1991	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A3	WO 98/52458 A1	11/1998	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A4	WO 01/41622 A2	06/2001	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A5	WO 01/49776 A2	07/2001	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A6	WO 2003/000104 A1	01/2003	World - PCT			<input type="checkbox"/>	<input type="checkbox"/>
	A7						<input type="checkbox"/>	<input type="checkbox"/>

Other Documents		
Initials	Author, Title, Date, Pages, etc.	
	A1	Autumn, Kellar. et al. "Adhesive Force of a Single Gecko Foot-Hair," <u>Nature</u> , Vol. 405, June 8, 2000, pp. 681-685.
	A2	Autumn, K. et al., "Evidence for van der Waals Adhesion in Gecko Setae," Proceedings of the National Academy of Sciences of the United States of America, Vol. 99, No. 19, September 17, 2002, pp. 12,252-12,256.
	A3	Geim, A.K. et al., "Microfabricated Adhesive Mimicking Gecko Foot-Hair," <u>Nature Materials</u> , Vol. 2, July 2003, pp. 461-463, available at Internet web page " <a href="http://www.nature.com/cgi-taf/DynaPage.taf?file=/nmat/journal/v2/n7/full/nmat917.html">http://www.nature.com/cgi-taf/DynaPage.taf?file=/nmat/journal/v2/n7/full/nmat917.html</a> ", June 1, 2003
	A4	Janra, "Gecko Feet In-hair-ently Sticky", Oct 18, 2002, available at <a href="http://www.kuro5hin.org/print/2002/10/18/03840/816">www.kuro5hin.org/print/2002/10/18/03840/816</a>
	A5	Liu, Gang-Yu et al., "Nanofabrication of Self-Assembled Monolayers Using Scanning Probe Lithography," <u>Accounts of Chemical Research</u> , Vol. 33, No. 7, 2000, page 457-466.
	A6	Menzel, Peter and Faith D'Aluisio, "Biobotics: Can Man Mimic Organic Life-Forms With Machinery?" <u>Discover</u> , September 2000, pp. 86-93.
	A7	Piner, R.D. et al., "'Dip-Pen' Nanolithography," <u>Science</u> , Vol. 283, Issue 5402, January 29, 1999, page 661, 5 pages.
	A8	Powell, Kendall, "Gecko Glue Around the Corner," <u>Nature - Science Update</u> , August 28, 2002, 2 pages, available at Internet web page " <a href="http://www.nature.com/nsu/020826/020826-2.html">http://www.nature.com/nsu/020826/020826-2.html</a> ".
	A9	Schmelmer, U. et al., "Surface-Initiated Polymerization on Self-Assembled Monolayers: Amplification of Patterns on the Micrometer and Nanometer Scale," <u>Angewandte Chemie: International Edition</u> , Vol. 42, No. 5, February 2003, pp. 559-563.

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A10	Schmid, H. and B. Michael, "Siloxane Polymers for High-Resolution, High-Accuracy Soft Lithography," <i>Macromolecules</i> , Vol. 33, April 2000, page 3042-3049.
A11	Sekine, M., "Dielectric Film Etching in Semiconductor Device Manufacturing Development of SiO <sub>2</sub> Etching and the Next Generation Plasma Reactor," <i>Appl. Surf. Science</i> , 192, 2002, pp. 270-298.
A12	Sitti, Metin and Ronald S. Fearing, "Nanomolding Based Fabrication of Synthetic Gecko Foot-Hairs," Second IEEE Conference on Nanotechnology, Washington, D.C., August 26-28, 2002, 4 pages, available at Internet web page <a href="http://robotics.eecs.berkeley.edu/~ronf/PAPERS/nano_02.pdf">http://robotics.eecs.berkeley.edu/~ronf/PAPERS/nano_02.pdf</a> .
A13	Xia, Younan and G. Whitesides, "Soft Lithography," <i>Angewandte Chemie: International Edition</i> , Vol. 37, No. 5, March 1998, pp. 551-575.
A14	Yin, Sandra, interview, "Kellar Autumn: Lewis & Clark College Biologist Shows How the Gecko Gets Its Grip," <i>American Demographics</i> , <i>Futurespeak: Science's Potential to Create New Markets</i> , December 2002/January 2003, pg. 52.
A15	Zimmer, Carl, "Get A Grip," <i>Natural History</i> , July/August 2000, 1 page, available at Internet web page " <a href="http://www.carlzimmer.com/articles_2000_2.html">http://www.carlzimmer.com/articles_2000_2.html</a> "
A16	"Gecko's Amazing Sticky Feet," <i>BBC News Online</i> , June 7, 2000, 3 pages, available at Internet web page " <a href="http://news.bbc.co.uk/hi/english/sci/tech/newsid_78100/781611.stm">http://news.bbc.co.uk/hi/english/sci/tech/newsid_78100/781611.stm</a> "
A17	"Gecko's Toes Provide Model for Super-Adhesive Space Tape," <i>HowStuffWorks</i> ( <a href="http://www.howstuffworks.com">http://www.howstuffworks.com</a> ), Internet web page " <a href="http://www.howstuffworks.com/news-item21.htm">http://www.howstuffworks.com/news-item21.htm</a> ", <i>HowStuffWorks, Inc.</i> , 2003, 2 pages.
A18	Autumn, Kellar and Robert J. Full, <i>Gecko Images</i> , available at Internet web page, " <a href="http://www.lclark.edu/~autumn/private/u38j47a0t/images.html">http://www.lclark.edu/~autumn/private/u38j47a0t/images.html</a> ", 2000, 1 page.

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